

GE-313AD PVC Pipe Flow Switch

Description of GE-313 Teflon Paddle Flow Switch

This PVC flow switch have teflon plastic sensor with a long paddle, suitable for all range of pipe size, from 20mm to 90mm. this flow switch could work with all kinds of corrosive fluid liquid. International Protection could be IP68 (Optional). CE UL certification is available.

Technology Data of GE-313 Paddle Flow Switches:

- * Protection Grade: IP65 (IP68 optional)
- * Media Temperature: -30~110 C
- * Output: NO or NC, NO is standard
- PNP & NPN switch signal** is available
- * Max Voltage: 350V DC; 300V AC
- * Max Switch Current: 1.0A
- * Max Carry Current: 2.5A
- * Contact Rating: 70VA
- * Max Static Pressure: 1bar or 10 Bar
- * Metering Substances: **Water, Oil, Acid, Alkali**
Chemical Liquid, Gas



- * Pipe Size: 25mm 32mm 40mm 50mm 63mm 75mm 90mm
ANSI & BS PVC pipe
26.67mm 33.4mm 42.16mm 48.26mm 60.32mm 73.02mm
(if other pipe size, it could be customized)



GE-313AD PVC Tee Type Flow Switch

GE-313 PTFE paddle flow switch connect with a PVC Tee by thread, we name the model as GE-313AD, it could bear and resist a bigger pressure without leakage, it will have a better performance than the flow switch with glue installation.

Type	Pipe Size	Max Pressure	Flow Setpoint
GE-313AD020	20mm	1bar/10bar	1.0-3.0L/min
GE-313AD025	25mm	1bar/10bar	2.0-5.0L/min
GE-313AD032	32mm	1bar/10bar	3.5-8.0L/min
GE-313AD040	40mm	1bar/10bar	5.8-19.5L/min
GE-313AD050	50mm	1bar/10bar	9.8-27.5L/min
GE-313AD063	63mm	1bar/10bar	14.5-55L/min
GE-313AD075	75mm	1bar/10bar	28.5-72.5L/min
GE-313AD90	90mm	1bar/10bar	45-115L/min

ANSI & BS PVC pipe

Type	for Pipe Size	Max Pressure	Flow Setpoint
GE-313AD026	26.67mm	1bar/10bar	2.0-5.0L/min
GE-313AD033	33.40mm	1bar/10bar	3.5-8.0L/min
GE-313AD042	42.16mm	1bar/10bar	5.8-19.5L/min
GE-313AD048	48.26mm	1bar/10bar	9.8-27.5L/min
GE-313AD060	60.32mm	1bar/10bar	14.5-55L/min
GE-313AD073	73.02mm	1bar/10bar	28.5-72.5L/min

* other pipe size is available, but need customized

Customized Products with GE-313 PTFE Paddle Flow Switch

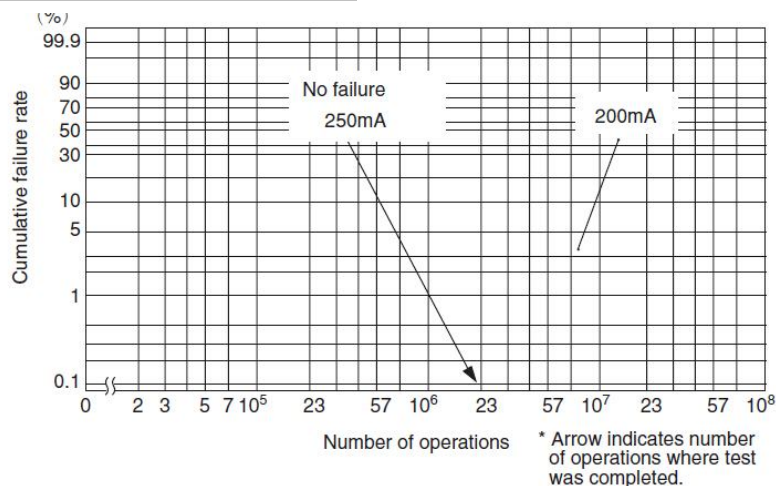
OEM ODM Customized service is available

Electrical Characteristics:

Parameter	Rated value	Unit
Pull-in Value (PI)	20~60	AT
Drop-out Value (DO)	6min	AT
Contact resistance (CR)	100	mΩ
Breakdown voltage	600 min (PI≥35)	VDC
	500 min (PI 20 to 35)	VDC
Insulation resistance	10 ¹⁰ min	Ω
Electrostatic capacitance	0.5max	pF
Contact rating	50	W
	70	VA
Maximum switching voltage	300AC	V
	350DC	V
Maximum switching current	DC0.7/AC0.5	A
Maximum carry current	2.5	A

Life Test of GE-313 PTFE Paddle Flow Switch

Load conditions
Voltage: 200VAC
Current: 200mA, 250mA
Load: Resistive load



Load conditions
Voltage: 100VDC, 50VDC
Current: 0.5A, 1.0A, 0.5A
Load: Resistive load

